



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 23-013]

Notice of Intent to Grant an Exclusive, Co-Exclusive or Partially Exclusive Patent License

AGENCY: National Aeronautics and Space Administration.

ACTION: Notice of Intent to Grant exclusive, co-exclusive or partially exclusive patent license

SUMMARY: NASA hereby gives notice of its intent to grant an exclusive, co-exclusive or partially exclusive patent license to practice the inventions described and claimed in the patents and/or patent applications listed in the **SUPPLEMENTARY INFORMATION** below.

DATES: The prospective exclusive, co-exclusive or partially exclusive license may be granted unless NASA receives written objections including evidence and argument, no later than [INSERT DATE 15 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER] that establish that the grant of the license would not be consistent with the requirements regarding the licensing of federally owned inventions as set forth in the Bayh-Dole Act and implementing regulations. Competing applications completed and received by NASA no later than [INSERT DATE 15 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER] will also be treated as objections to the grant of the contemplated exclusive, co-exclusive or partially exclusive license. Objections submitted in response to this notice will not be made available to the public for inspection and, to the extent permitted by law, will not be released under the Freedom of Information Act.

ADDRESSES: Written objections relating to the prospective license or requests for further information may be submitted to Agency Counsel for Intellectual Property, NASA Headquarters at Email: hq-patentoffice@mail.nasa.gov.

FOR FURTHER INFORMATION CONTACT: Trenton Roche, 202-358-0646, trenton.roche@nasa.gov.

SUPPLEMENTARY INFORMATION: NASA intends to grant an exclusive, co-exclusive, or partially exclusive patent license in the United States to practice the inventions described and claimed in: U.S. Patent No. 10,269,463 B2 for an invention titled “Nuclear Thermionic Avalanche Cells with Thermoelectric (NTAC-TE) Generator in Tandem Mode,” U.S. Patent No. 10,886,452 B2 for an invention titled “Selective and Direct Deposition Technique for Streamlined CMOS Processing,” U.S. Patent No. 11,094,425 B2 for an invention titled “Portable Compact Thermionic Power Cell,” U.S. Patent No. 11,063,198 for an invention titled “Metallic Junction Thermoelectric Generator,” U.S. Patent Application No. 17/140,548 for an invention titled “Selective and Direct Deposition Technique for Streamlined CMOS Processing,” U.S. Patent No. 11,004,666 B2 for an invention titled “Portable Miniaturized Thermionic Power Cell with Multiple Regenerative Layers,” U.S. Patent No. 10,985,676 B2 for an invention titled “High Performance Electric Generators Boosted by Nuclear Electron Avalanche (NEA),” U.S. Patent No. 11,037,687 B2 for an invention titled “Co-60 Breeding Reactor Tandem with Thermionic Avalanche Cell,” U.S. Patent No. 11,257,604 B2 for an invention titled “Multilayer Radio Isotope for Enhanced Photoelectron Avalanche Process,” U.S. Patent Application No. 17/564,911 for an invention titled “NTAC Augmented Nuclear Electric Propulsion and/or Nuclear Thermal Propulsion Systems,” to Mobile Defense, LLC having its principal place of business in 89 Sandy Bay Drive, Poquoson, VA 23662. The fields of use may be limited.

NASA has not yet made a final determination to grant the requested license and may deny the requested license even if no objections are submitted within the comment period.

This notice of intent to grant an exclusive, co-exclusive or partially exclusive patent license is issued in accordance with 35 U.S.C. 209(e) and 37 CFR 404.7(a)(1)(i). The patent rights in these inventions have been assigned to the United States of America as represented by the Administrator of the National Aeronautics and Space Administration. The prospective license will comply with the requirements of 35 U.S.C. 209 and 37 CFR. 404.7. Information about other NASA inventions available for licensing can be found online at <http://technology.nasa.gov>.

Trenton J. Roche,

Agency Counsel for Intellectual Property.

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